

In the specification:

At page 37, lines 14-32, substitute the following paragraph:

The *E. coli* was harvested by centrifugation, and then lysed by sonication in Buffer A (50 mM Tris-HCl (pH 8.0), 2 mM EDTA, 0.1 mM DTT, 5 % glycerol, 1 mM PMSF) containing 2% NP-40. Then, centrifugal separation was repeated twice to obtain an insoluble precipitate. The resulting precipitated fraction was suspended in Buffer A, and mixed well with an equal volume of 1 M sucrose and 2 volumes of Percoll (SIGMA; colloidal PVP coated silica for cell separation). The mixture was treated by ultracentrifugation (Beckman ultracentrifuge L7-65, SW28 rotor, 20,000 rpm, 15 °C, 30 min) to yield protein inclusion body in the lowest layer. The resulting sample was washed 4 times with 50 mM Tris-HCl (pH 8.0) and then dissolved in Buffer G (6 M guanidine-HCl , 0.1 M NaH₂PO₄, 0.01 M Tris, pH 8.0). The Buffer G was replaced with Buffer B (8 M-1 M urea, 0.1 M NaH₂P0₄, 0.01 M Tris, pH 8.0) by dialysis, and then further replaced with PBS. After the dialysis, the sample was concentrated by centrifugation in a conventional centrifuge concentrator/desalting device CENTRIPLUS 10 (Amicon). The above procedures provided a C terminal region (residue 2803-3711 in SEQ ID NO: 3; residue ~~907-120~~ 907-1208 in SEQ ID NO: 4 (amino acid sequence)) recombinant protein of RecQ4 helicase (Figure 5).